

SEQUENCE LISTING

<110> Hooft Van Huijsduijnen, Rob
Walchli, Sebastien

<120> Use of protein tyrosine phosphatase inhibitors for prevention and/or
treatment of cancer

<130> SLII-P01-003

<140> US 10/530,106

<141> 2003-09-29

<150> EP 02022227.9

<151> 2002-10-02

<160> 34

<170> PatentIn version 3.1

<210> 1

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<212> PRT

<213> Homo sapiens

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35 40 45

Ser Trp Glu Val Pro Asp Gly Leu Asp Ser Gln Asn Ser Asn Tyr Trp
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Val Gln Cys Thr Gly Asp Gly Gly Thr Thr Glu Thr Arg Asn Thr Thr
 65 70 75 80

Ala Thr Asn Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu Tyr Thr
 85 90 95

Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val Gly Thr
 100 105 110

Val Thr Thr Ala Thr Ala Pro Asn Pro Val Arg Asn Leu Arg Val Glu
 115 120 125

Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro Asp Gly
 130 135 140

Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly Asp Gly
 145 150 155 160

Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr Val Asp
 165 170 175

Gly Leu Glu Pro Gly Cys Leu Tyr Ala Phe Ser Met Trp Val Gly Lys
 180 185 190

Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr Ala His
 195 200 205

Asn Pro Val Arg Asn Leu Arg Val Glu Ala Gln Thr Thr Ser Ser Ile
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Ser Leu Ser Trp Glu Val Pro Asp Gly Thr Asp Pro Gln Asn Ser Thr
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Tyr Cys Ile Gln Cys Thr Gly Asp Gly Gly Arg Thr Glu Thr Arg Asn
 245 250 255

Thr Thr Asp Thr Arg Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu
 260 265 270

Tyr Thr Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val
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Glu Ile Val Thr Ser Thr Thr Ala Pro Asn Pro Val Arg Asn Leu Thr
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Val Glu Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro
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Asp Gly Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly
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Asp Gly Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr
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Val Asp Arg Leu Glu Pro Gly Cys Leu Tyr Val Phe Ser Val Trp Val
 355 360 365

Gly Lys Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr
 370 375 380

Ala Pro Asn Pro Val Arg Asn Leu His Met Glu Thr Gln Thr Asn Ser
 385 390 395 400

Ser Ile Ala Leu Cys Trp Glu Val Pro Asp Gly Pro Tyr Pro Gln Asp
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Tyr Thr Tyr Trp Val Glu Tyr Thr Gly Asp Gly Gly Gly Thr Glu Thr
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Arg Asn Thr Thr Asn Thr Ser Val Thr Ala Glu Arg Leu Glu Pro Gly
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Thr Leu Tyr Thr Phe Ser Val Trp Ala Glu Lys Asn Gly Ala Arg Gly
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Ser Arg Gln Asn Val Ser Ile Ser Thr Val Pro Asn Ala Val Thr Ser
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Leu Ser Lys Gln Asp Trp Thr Asn Ser Thr Ile Ala Leu Arg Trp Thr
 485 490 495

Ala Pro Gln Gly Pro Gly Gln Ser Ser Tyr Ser Tyr Trp Val Ser Trp
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Val Arg Glu Gly Met Thr Asp Pro Arg Thr Gln Ser Thr Ser Gly Thr
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Asp Ile Thr Leu Lys Glu Leu Glu Ala Gly Ser Leu Tyr His Leu Thr
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Val Trp Ala Glu Arg Asn Glu Val Arg Gly Tyr Asn Ser Thr Leu Thr
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Ala Ala Thr Ala Pro Asn Glu Val Thr Asp Leu Gln Asn Glu Thr Gln
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Thr Lys Asn Ser Val Met Leu Trp Trp Lys Ala Pro Gly Asp Pro His
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Ser Gln Leu Tyr Val Tyr Trp Val Gln Trp Ala Ser Lys Gly His Pro
 595 600 605

Arg Arg Gly Gln Asp Pro Gln Ala Asn Trp Val Asn Gln Thr Ser Arg
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Thr Asn Glu Thr Trp Tyr Lys Val Glu Ala Leu Glu Pro Gly Thr Leu
 625 630 635 640

Tyr Asn Phe Thr Val Trp Ala Glu Arg Asn Asp Val Ala Ser Ser Thr
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Gln Ser Leu Cys Ala Ser Thr Tyr Pro Asp Thr Val Thr Ile Thr Ser
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Cys Val Ser Thr Ser Ala Gly Tyr Gly Val Asn Leu Ile Trp Ser Cys
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Pro Gln Gly Gly Tyr Glu Ala Phe Glu Leu Glu Val Gly Gly Gln Arg
 690 695 700

Gly Ser Gln Asp Arg Ser Ser Cys Gly Glu Ala Val Ser Val Leu Gly
705 710 715 720

Leu Gly Pro Ala Arg Ser Tyr Pro Ala Thr Ile Thr Thr Ile Trp Asp
725 730 735

Gly Met Lys Val Val Ser His Ser Val Val Cys His Thr Glu Ser Ala
740 745 750

Gly Val Ile Ala Gly Ala Phe Val Gly Ile Leu Leu Phe Leu Ile Leu
755 760 765

Val Gly Leu Leu Ile Phe Phe Leu Lys Arg Arg Asn Lys Lys Lys Gln
770 775 780

Gln Lys Pro Glu Leu Arg Asp Leu Val Phe Ser Ser Pro Gly Asp Ile
785 790 795 800

Pro Ala Glu Asp Phe Ala Asp His Val Arg Lys Asn Glu Arg Asp Ser
805 810 815

Asn Cys Gly Phe Ala Asp Glu Tyr Gln Gln Leu Ser Leu Val Gly His
820 825 830

Ser Gln Ser Gln Met Val Ala Ser Ala Ser Glu Asn Asn Ala Lys Asn
835 840 845

Arg Tyr Arg Asn Val Leu Pro Tyr Asp Trp Ser Arg Val Pro Leu Lys
850 855 860

Pro Ile His Glu Glu Pro Gly Ser Asp Tyr Ile Asn Ala Ser Phe Met
865 870 875 880

Pro Gly Leu Trp Ser Pro Gln Glu Phe Ile Ala Thr Gln Gly Pro Leu
885 890 895

Pro Gln Thr Val Gly Asp Phe Trp Arg Leu Val Trp Glu Gln Gln Ser
900 905 910

His Thr Leu Val Met Leu Thr Asn Cys Met Glu Ala Gly Arg Val Lys

915

920

925

Cys Glu His Tyr Trp Pro Leu Asp Ser Gln Pro Cys Thr His Gly His
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Arg Glu Leu Leu Leu Leu Gln Val Glu Glu Gln Lys Thr Leu Ser Val
 965 970 975

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Pro Asp Thr Leu Leu Ala Phe Trp Arg Met Leu Arg Gln Trp Leu Asp
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Gln Thr Met Glu Gly Gly Pro Pro Ile Val His Cys Ser Ala Gly
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Gln Leu Gln Ser Glu Gly Leu Leu Gly Pro Phe Ser Phe Val Arg
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Lys Met Arg Glu Ser Arg Pro Leu Met Val Gln Thr Glu Ala Gln
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Tyr Val Phe Leu His Gln Cys Ile Leu Arg Phe Leu Gln Gln Ser
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Ala Gln Ala Pro Ala Glu Lys Glu Val Pro Tyr Glu Asp Val Glu
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Glu Val
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